

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(use as many sheets as necessary)*

**Application Number**

**10/725,276**

**Filing Date**

**December 2, 2003**

**First Named Inventor**

## Jon Elliot Adler

## Art Unit

1649

**Examiner Name**

**John D. Ulm**

Sheet

**1 of 4**

Attorney Docket Number

**67824.428922**

## U.S. PATENT DOCUMENTS

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EXAMINER SIGNATURE

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|  |               | <b>First Named Inventor</b>   | <b>Jon Elliot Adler</b> |
|  |               | <b>Art Unit</b>               | <b>1649</b>             |
|  |               | <b>Examiner Name</b>          | <b>John D. Ulm</b>      |
| <b>Sheet</b>   | <b>2 of 4</b> | <b>Attorney Docket Number</b> | <b>67824.428922</b>     |

| FOREIGN PATENT DOCUMENTS |             |   |             |                                |  |   |                          |                          |
|--------------------------|-------------|---|-------------|--------------------------------|--|---|--------------------------|--------------------------|
| *Examiner<br>Initial     | Cite<br>No. | FOREIGN PATENT<br>DOCUMENT                  |             | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | TRANSLATION              |                          |
|                          |             | Country Code Number-Kind<br>Code (if known) |             |                                |  |   | YES                      | NO                       |
|                          | 3           | WO  | 95/08627    | 03-30-1995                     | Ciba Geigy AG                                      |   | <input type="checkbox"/> | <input type="checkbox"/> |
|                          | 4           | WO  | 00/06593    | 02-10-2000                     | The Regents of the<br>University of California     |   | <input type="checkbox"/> | <input type="checkbox"/> |
|                          | 5           | WO  | 2002/064631 | 08-22-2002                     | Senomyx, Inc.                                      |   | <input type="checkbox"/> | <input type="checkbox"/> |
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**OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS**

| *Examiner<br>Initials | Cite<br>No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | TRANSLATION              |                          |
|-----------------------|-------------|--|--------------------------|--------------------------|
|                       |             |  | YES                      | NO                       |
|                       | 6           | HOON et al., <i>Cell</i> 96(541-551), Feb. 19, 1999.   |                          |                          |
|                       | 7           | KRAUTWURST et al., <i>Cell</i> 95(917-926) 1998.   |                          |                          |
|                       | 8           | ALEXANDER et al., <i>Proc. Natl. Acad. Sci.</i> 89 (3352-3356) 1992.   | <input type="checkbox"/> | <input type="checkbox"/> |
|                       | 9           | BOWIE et al., 1990, <i>Science</i> 247: 1306-1310.   | <input type="checkbox"/> | <input type="checkbox"/> |
|                       | 10          | MARK A. HOON, et al., "Putative Mammalian Taste Receptors : A Class of Taste-Specific GPCRs with Distinct Topographic Selectivity", <i>Cell</i> , vol. 96, pp. 541-551, Feb 19, 1999 -- XP-000922524.  | <input type="checkbox"/> | <input type="checkbox"/> |
|                       | 11          | XIAODONG LI, et al., "Human Receptors for Sweet and Umami Taste", Proceedings of the National Academy of Sciences of USA, <i>National Academy of Science</i> , vol. 99, no. 7, Apr. 2, 2002, pp. 4692-4696 -- XP002254830.                                     | <input type="checkbox"/> | <input type="checkbox"/> |
|                       | 12          | R. H. WATERSTON, "Direct Submission", <i>Genome Sequencing Center</i> , Apr. 21, 2000 -- XP002262036.  | <input type="checkbox"/> | <input type="checkbox"/> |
|                       | 13          | ELLIOT ADLER, et al. "A Novel Family of Mammalian Taste Receptors", <i>Cell</i> , vol. 100, pp. 693-702, Mar. 17, 2000 -- XP-000982304.  | <input type="checkbox"/> | <input type="checkbox"/> |
|                       | 14          | MONTMAYEUR, J-P., et al., "A Candidate Taste Receptor Gene Near a Sweet Taste Locus," <i>Nature Neuroscience</i> , May 2001, pp. 492-498, vol. 4, No. 5, Nature America, Inc., US.   | <input type="checkbox"/> | <input type="checkbox"/> |
|                       | 15          | KITAGAWA M., et al., "Molecular Genetic Identification of a Candidate Receptor Gene for Sweet Taste," <i>Biochemical and Biophysical Research Communications</i> , Apr. 27, 2001, pp. 236-242, vol. 283, No. 1, Academic Press, San Diego, California, US.     | <input type="checkbox"/> | <input type="checkbox"/> |
|                       | 16          | MAX MARIANNA, et al., "Tas1r3, Encoding a New Candidate Taste Receptor, is Allelic to the Sweet Responsiveness Locus Sac," <i>Nature Genetics</i> , May 2001, pp. 58-63, vol. 28, No. 1, Nature America, New York, US.   | <input type="checkbox"/> | <input type="checkbox"/> |

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|  |               | <b>Art Unit</b>               | 1649             |
|  |               | <b>Examiner Name</b>          | John D. Ulm      |
| <b>Sheet</b>   | <b>4 of 4</b> | <b>Attorney Docket Number</b> | 67824.428922     |

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|                       |             |  | YES                      | NO                       |
|                       | 17          | SAINZ E., et al., "Identification of a Novel Member of the T1R Family of Putative Taste Receptors," <i>Journal of Neurochemistry</i> , May 2001, pp. 896-903, vol. 77, No. 3, New York, NY, US.  | <input type="checkbox"/> | <input type="checkbox"/> |
|                       | 18          | JOHNSON, C., et al., "The Effect of the Sweetness Inhibitor 2(4-methoxyphenoxy) Propanoic Acid (Sodium Salt) (Na-PMP) on the Taste of Bitter-sweet Stimuli," <i>Chemical Sense</i> , Aug. 1994, pp. 349-358, vol. 19, No. 4. Oxford, UK.                       | <input type="checkbox"/> | <input type="checkbox"/> |
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